

What is claimed is:

1. An information reproducing method for displaying the same information on a plurality of screens in synchronization with one another, said method comprising the steps of:

5               connecting a plurality of terminal devices each for displaying said information on a screen for making communications through a network;

                  delivering schedule data for reproducing said information on said screens at an arbitrary time from a  
10       terminal device which created said schedule data to other terminal devices through said network; and

                  instructing a terminal device which receives said schedule data to reproduce said information from among previously recorded information in accordance with  
15       said schedule data.

2. The information reproducing method according to claim 1, further comprising the step of:

                  instructing said terminal device to receive said information delivered from said terminal device  
5       which created said schedule data through said network, when information to be reproduced in accordance with said schedule data has not been recorded in a terminal device

which receives said schedule data.

3. The information reproducing method according to claim 1, wherein:

said schedule data includes unattended-  
recording data for recording predetermined information  
5 delivered at predetermined date and time.

4. The information reproducing method according to claim 1, wherein:

said schedule data includes scenario data which  
records a manipulation procedure for special reproduction  
5 executed during reproduction of said information together  
with the lapse of time from the start of reproduction.

5. The information reproducing method according to claim 1, further comprising the steps of:

delivering manipulation data to other terminal  
devices through said network, from a terminal device  
5 which executes special reproduction during reproduction  
of said information, said manipulation data including a  
time at which the special reproduction is executed, the  
type of the special reproduction, and a time elapsed from  
the start of reproduction of said information; and  
10 instructing a terminal device which receives

said manipulation data to calculate a position at which the special reproduction is started on said information based on said manipulation data, move a scene to said start position, and perform the same type of special reproduction as that performed by said terminal device which transmits said manipulation data from said start position to which the scene is moved.

6. An information reproducing system for displaying the same information on a plurality of screens in synchronization with one other, said system comprising:

5           an information reproducing terminal device for  
recording information delivered at predetermined date and  
time, and reproducing said information in accordance with  
schedule data received through a network, said schedule  
data instructing said information reproducing terminal  
10 device to reproduce said information on said screen at an  
arbitrary time, wherein said information terminal device  
delivers said schedule data through the network when said  
information terminal device itself creates said schedule  
data; and

15           a schedule management server device storing  
said schedule data transmitted from said information  
reproducing terminal device, and returning said schedule

data through the network to said information reproducing  
terminal device which requests transmission of said  
20 schedule data.

7. The information reproducing system according to  
claim 6, wherein:

5 said information reproducing terminal device  
receives information to be reproduced in accordance with  
said schedule data through the network when said  
information has not been recorded therein, and delivers  
information corresponding to said schedule data when said  
information reproducing terminal device creates said  
schedule data, and

10 said schedule management server device stores  
said information to be reproduced in accordance with said  
schedule data, said information transmitted from said  
information reproducing terminal device, and returns said  
information to said information reproducing terminal  
15 device which requests transmission of said information.

8. The information reproducing system according to  
claim 6, wherein:

5 said schedule data includes unattended-  
recording data for recording predetermined information  
which is delivered at predetermined date and time.





said processing unit returns said information  
to a terminal device which requests transmission of said  
information.

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13. The server device according to claim 11,  
wherein:

said schedule data includes unattended-  
recording data for recording predetermined information  
5 delivered at predetermined date and time.

14. The server device according to claim 11,  
wherein:

said schedule data includes scenario data which  
records a manipulation procedure for special reproduction  
5 executed during reproduction of said information together  
with the lapse of time from the start of reproduction.

15. The server device according to claim 11,  
wherein:

said processing unit, upon receipt of  
manipulation data including a time at which special  
5 reproduction is executed during reproduction of said  
information, the type of the special reproduction, and a  
time elapsed from the start of reproduction of said  
information from said terminal device, transmits said

manipulation data to respective terminal devices owned by  
10 a group of users to which said terminal device belongs.

16. A terminal device for displaying the same  
information on a screen in synchronization with a  
plurality of other terminal devices, comprising:

an information reproducing section for  
5 recording information delivered at predetermined date and  
time, and schedule data received through a network for  
reproducing said information on said screen at an  
arbitrary time; and

an information processing section for  
10 reproducing said information in accordance with said  
schedule data, and delivering said schedule data through  
the network when said information processing section  
itself creates said schedule data.

17. The terminal device according to claim 16,  
wherein:

said information processing section receives  
information to be reproduced in accordance with said  
5 schedule data if said information has not been recorded  
therein, and delivers information corresponding to said  
schedule data when said information processing section  
itself creates said schedule data, and



10       said information reproducing section records  
the information to be reproduced in accordance with said  
schedule data, said information being received by said  
information processing section.

18.   The terminal device according to claim 16,  
wherein:

5       said schedule data includes unattended-  
recording data for recording predetermined information  
delivered at predetermined date and time.

19.   The terminal device according to claim 16,  
wherein:

5       said schedule data includes scenario data which  
records a manipulation procedure for special reproduction  
executed during reproduction of said information together  
with the lapse of time from the start of reproduction.

20.   The terminal device according to claim 16,  
wherein:

5       said information processing section delivers  
manipulation data including a time at which special  
reproduction is executed during reproduction of said  
information, the type of the special reproduction, and a  
time elapsed from the start of reproduction of said

information through the network, and upon receipt of said  
manipulation data through the network, calculates a  
10 position at which the special reproduction is started for  
said information based on said manipulation data, moves a  
reproduced scene to said start position, and performs the  
same type of special reproduction as that performed by  
said terminal device which transmits said manipulation  
15 data from said start position to which the scene is moved.

21. A program for causing a computer to execute  
processing for displaying the same information on a  
plurality of screens in synchronization, said program  
causing the computer to perform the steps of:

5 storing in a storage device schedule data for  
reproducing said information on said screen at an  
arbitrary time, said information being transmitted from a  
terminal device for displaying said information on a  
screen through a network; and  
10 returning said schedule data to a terminal  
device which requests transmission of said schedule data  
through the network.

22. The program according to claim 21, further  
causing the computer to perform the steps of:

storing information to be reproduced in

accordance with said schedule data, said information  
5 being transmitted from said terminal device; and  
returning said information to a terminal device  
which requests transmission of said information.

23. The program according to claim 21, wherein:  
said schedule data includes unattended-  
recording data for recording predetermined information  
delivered at predetermined date and time.

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24. The program according to claim 21, wherein:  
said schedule data includes scenario data which  
records a manipulation procedure for special reproduction  
executed during reproduction of said information together  
5 with the lapse of time from the start of reproduction.

25. The program according to claim 21, further  
causing the computer to perform the step of:  
transmitting manipulation data to respective  
terminal devices owned by a group of users to which said  
5 terminal device belongs, upon receipt of said  
manipulation data including a time at which special  
reproduction is executed during reproduction of said  
information, the type of the special reproduction, and a  
time elapsed from the start of reproduction of said

10 information from said terminal device.

26. A program for causing a computer to execute processing for displaying the same information on a plurality of screens in synchronization, said program causing the computer to perform the steps of:

5 recording in a storage device information delivered at predetermined date and time, and schedule data received through a network for reproducing said information on said screen at an arbitrary time; and  
reproducing said information in accordance with  
10 said schedule data, and delivering said schedule data through a network when creating said schedule data.

27. The program according to claim 26, further causing the computer to perform the steps of:

receiving information to be reproduced in accordance with said schedule data if said information  
5 has not been recorded therein;

storing said information in a storage device;  
and

delivering information corresponding to said schedule data when creating said schedule data.

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28. The program according to claim 26, wherein:

said schedule data includes unattended-  
recording data for recording predetermined information  
delivered at predetermined date and time.

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29. The program according to claim 26, wherein:

said schedule data includes scenario data which  
records a manipulation procedure for special reproduction  
executed during reproduction of said information together  
5 with the lapse of time from the start of reproduction.

30. The program according to claim 26, further  
causing the computer to perform the steps of:

delivering manipulation data through the  
10 network, said manipulation data including a time at which  
special reproduction is executed during reproduction of  
said information, the type of the special reproduction,  
and a time elapsed from the start of reproduction of said  
information; and

15 upon receipt of said manipulation data through  
the network, calculating a position at which the special  
reproduction is started for said information based on  
said manipulation data, moving a reproduced scene to said  
start position, and performing the same type of special  
20 reproduction as that performed by said terminal device  
which transmits said manipulation data from said start

position to which the scene is moved.

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